



# FEMA



Prepared by  
*Brian Hoeth*

# FEMA Region 6 Weather Threat Briefing

Sunday, December 9, 2018

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).

# Summary of the Upcoming Week



**SR ROC**  
REGIONAL OPERATIONS CENTER

## **Sunday - Wednesday**

- **No significant weather impacts expected.**

## **Thursday**

- **Next weather system moves across the Region with possible winter and heavy rain/flood impacts.**
- **Too early to determine location and severity of impacts at this time.**

## **River Flooding**

- **Widespread minor to moderate flooding, with isolated major, is observed or forecast for portions of East and SE TX for the next several days.**

# FEMA Region 6 Threat Matrix

Dec 9, 2018 – Dec 13, 2018



**SR ROC**  
REGIONAL OPERATIONS CENTER

DAY / THREAT	SUN	MON	TUE	WED	THU
Severe Storms					
Heavy Rain / Flash Flooding					Southeast portions of the Region?
Winter Weather					Northern portions of the Region?
Fire Weather					
River Flooding	E/SE TX	E/SE TX	E/SE TX	E/SE TX	E/SE TX

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria.  
State or local threat level criteria may differ.\*  
For more details on the colors in the threat matrix refer to the last slide in this briefing.*



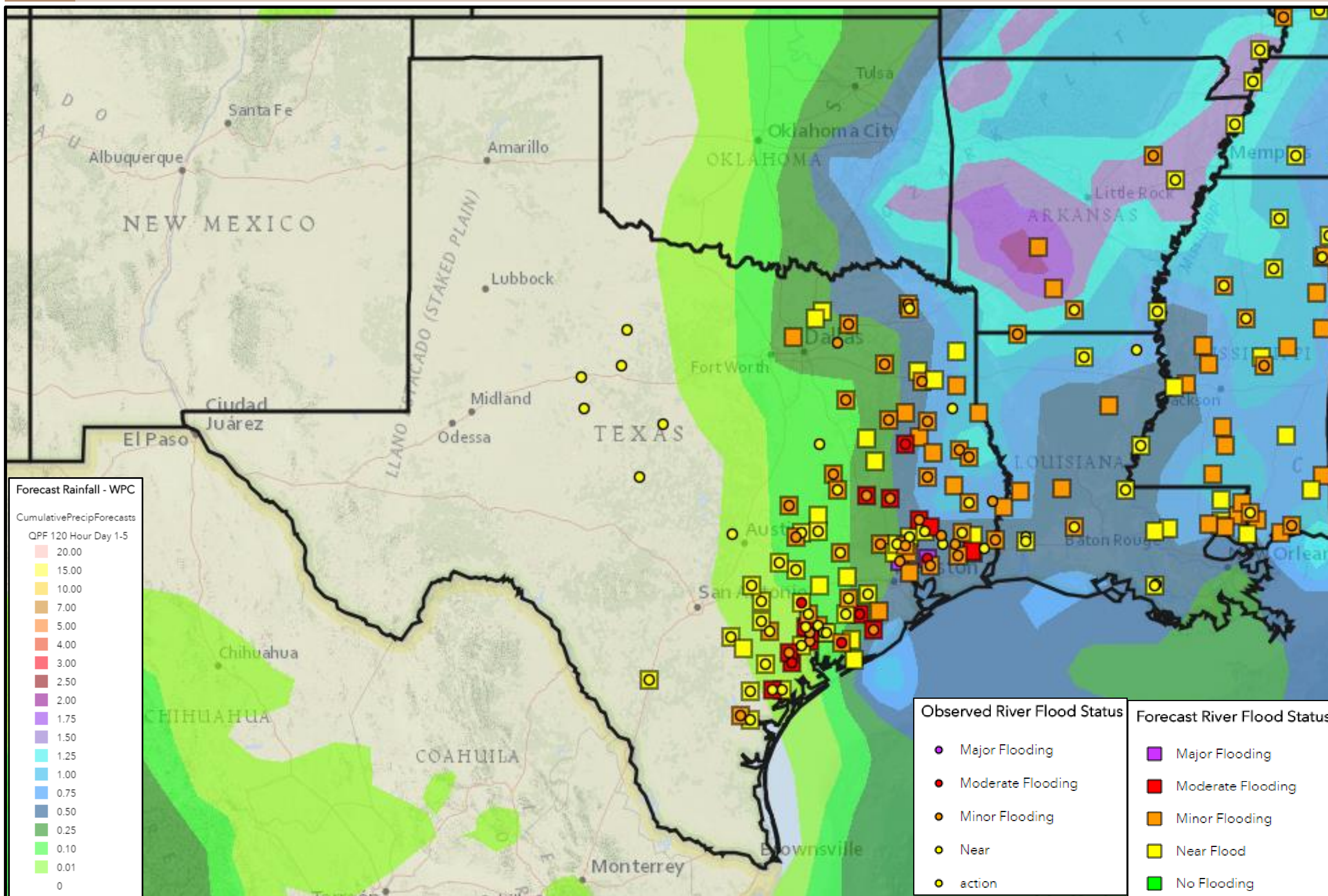
# 5-Day Precipitation Forecast & River Flood Status



SR ROC  
REGIONAL OPERATIONS CENTER

*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*

**Widespread minor to moderate flooding, with isolated major, is observed or forecast for portions of East and SETX for the next several days.**



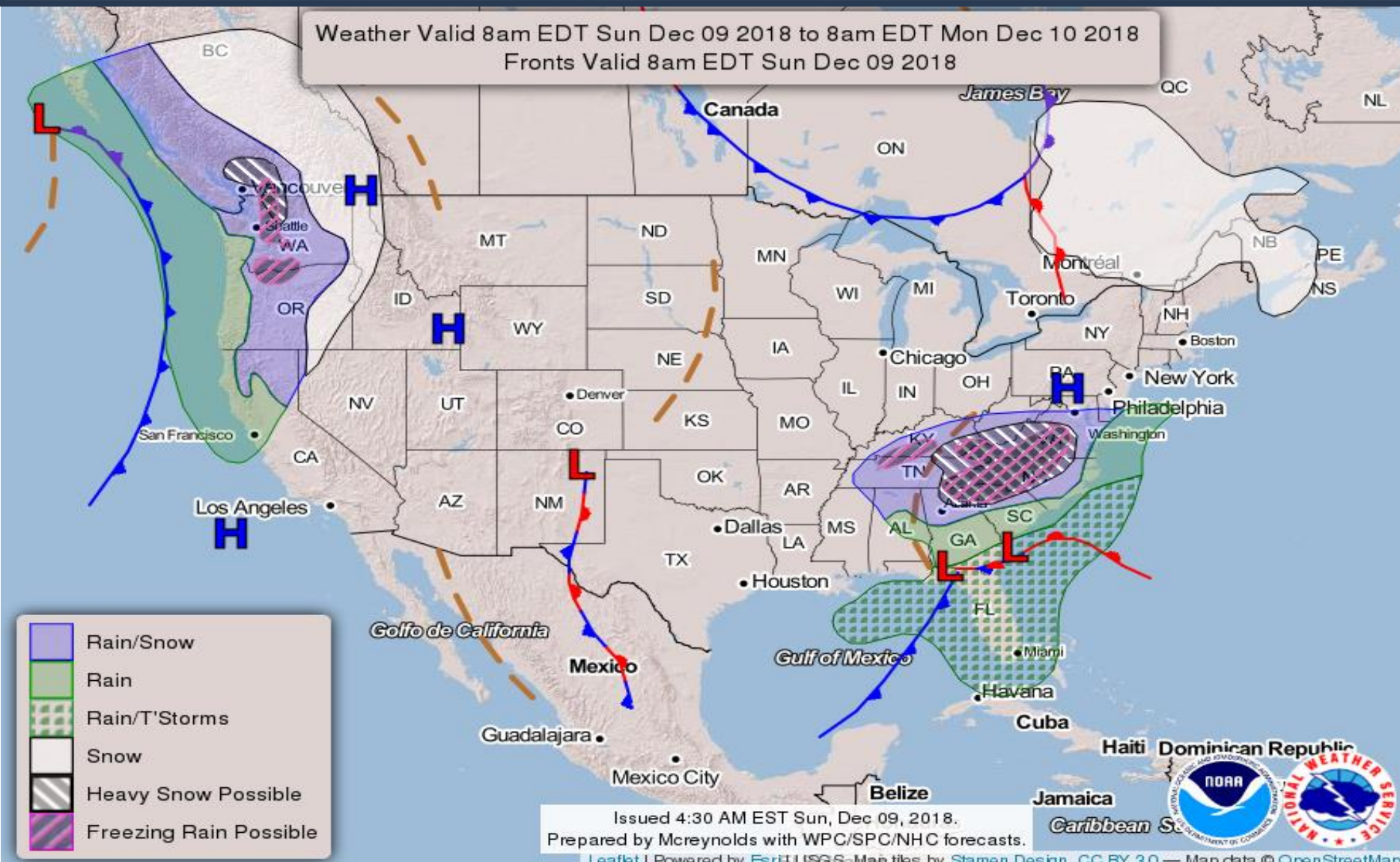


# Today's Weather

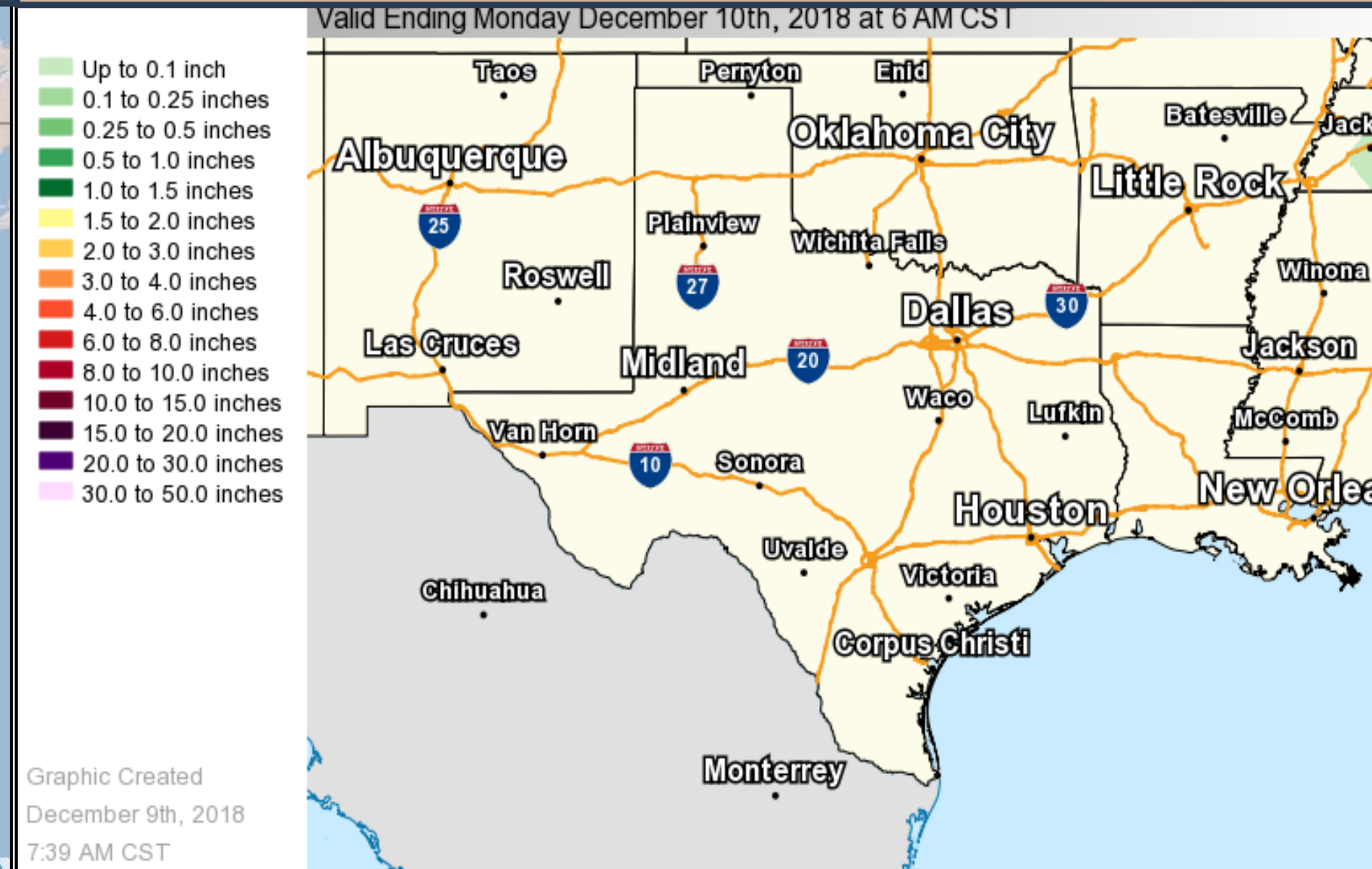


SR ROC  
REGIONAL OPERATIONS CENTER

## Forecast Chart

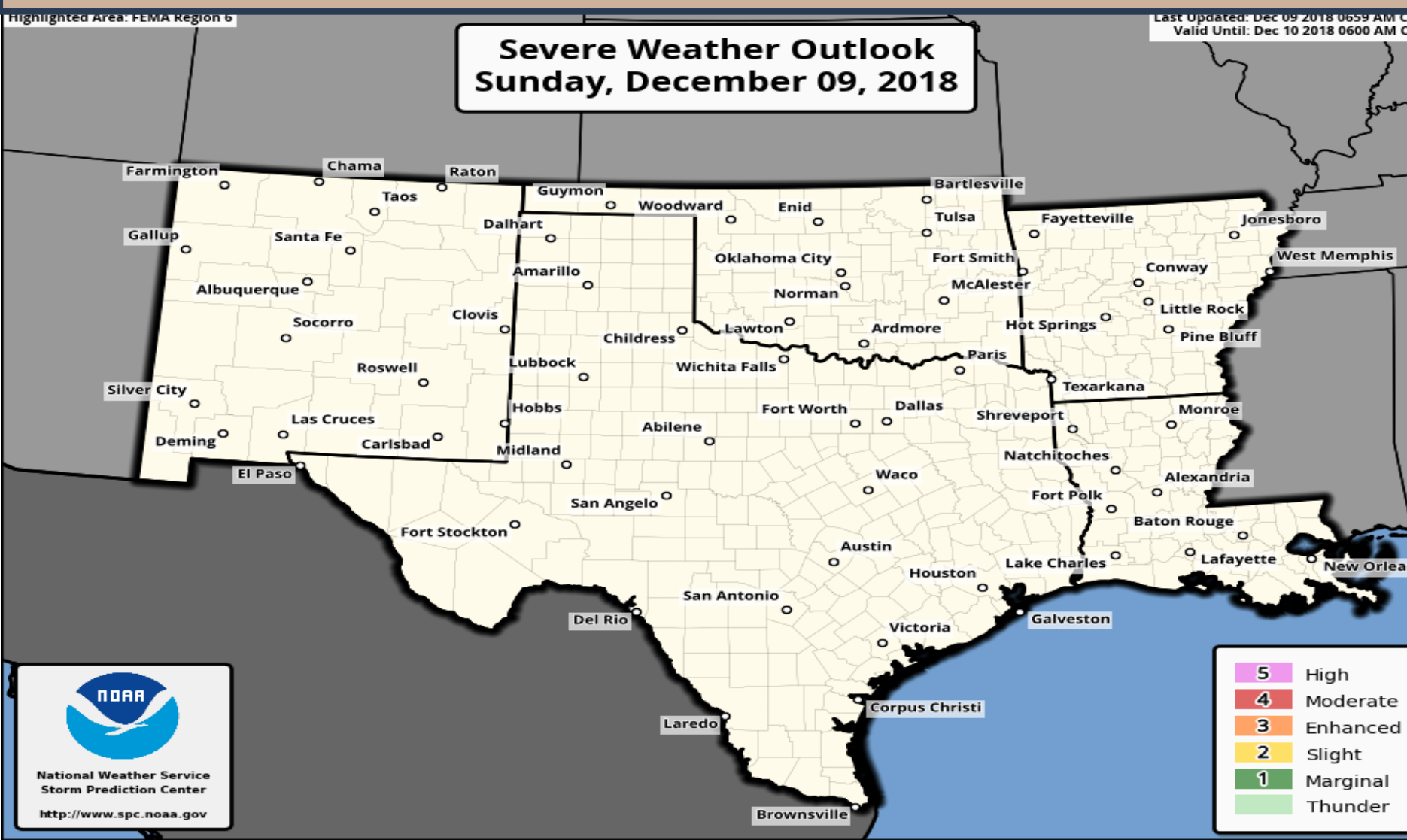


## Forecast Rainfall



No significant weather impacts expected.

## Severe Weather Outlook



## Excessive Rainfall Outlook



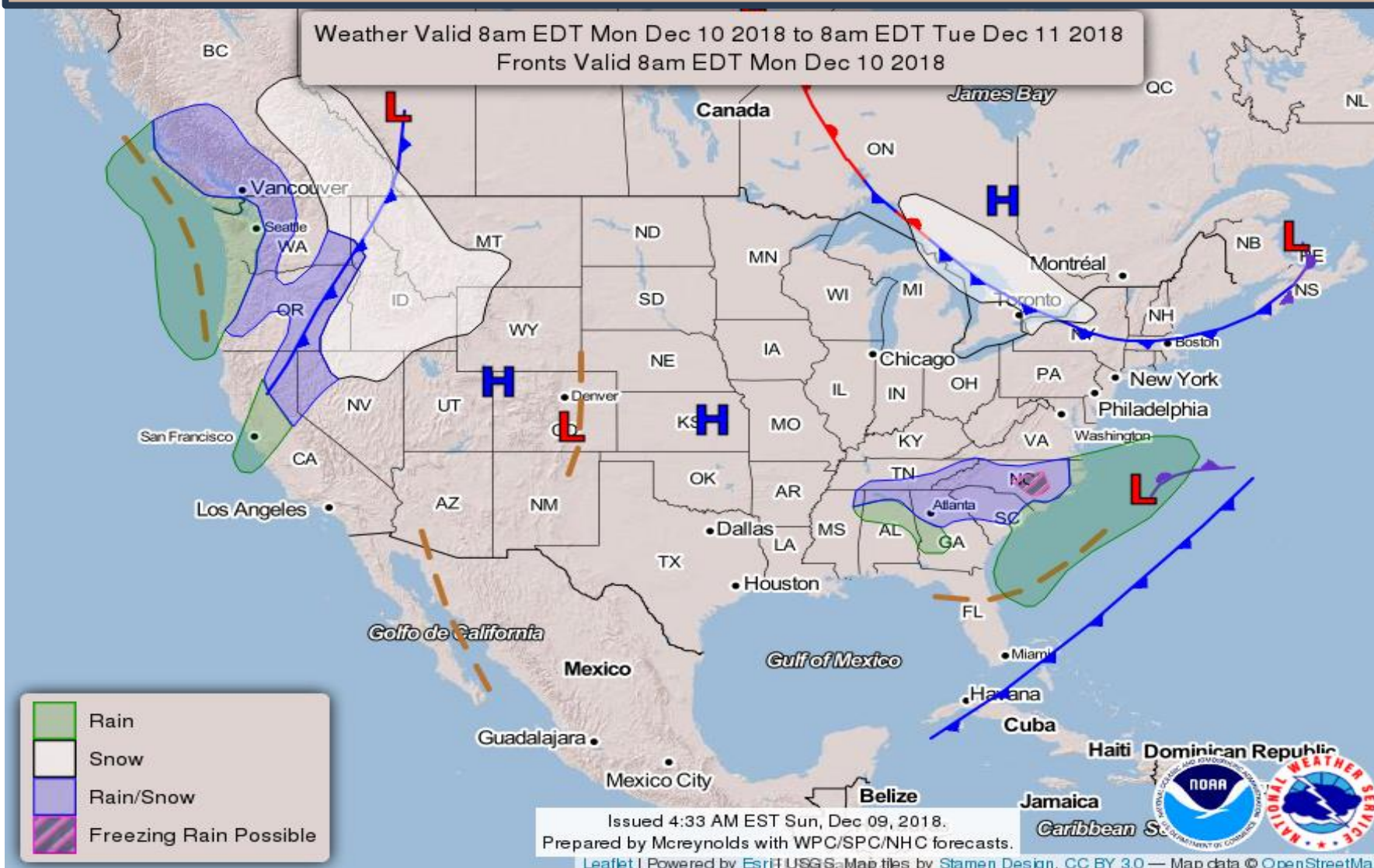


# Tomorrow's Weather

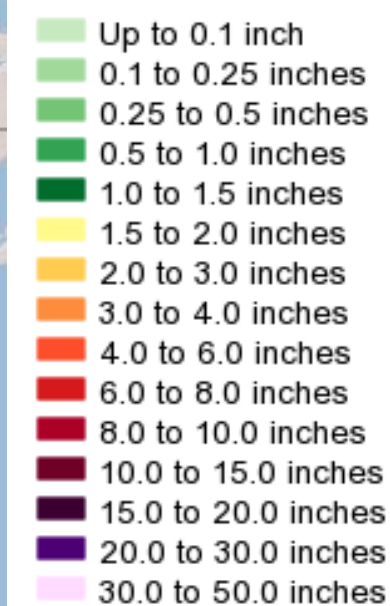


SR ROC  
REGIONAL OPERATIONS CENTER

## Forecast Chart



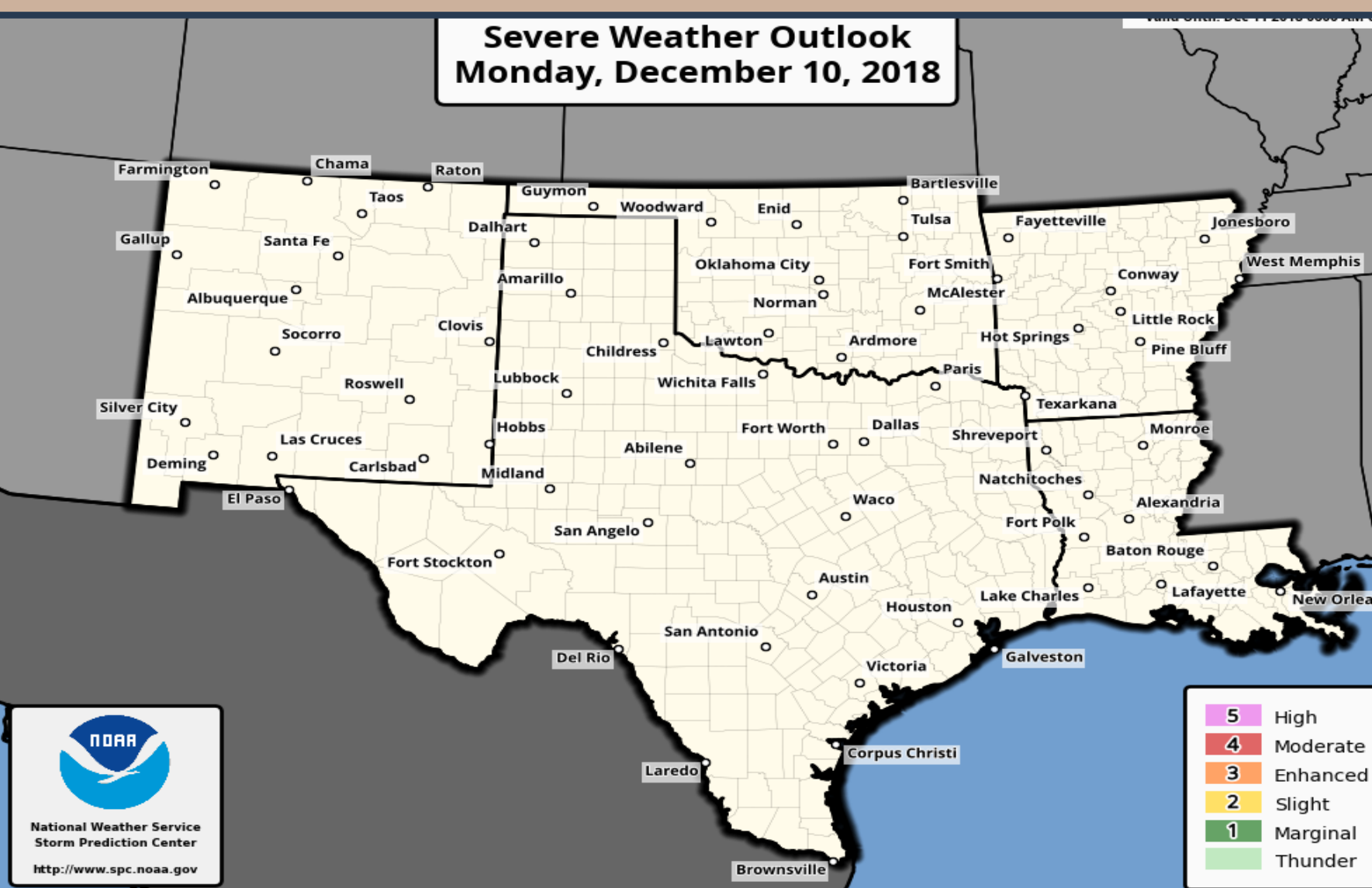
## Forecast Rainfall



Graphic Created  
December 9th, 2018  
7:40 AM CST

No significant weather  
impacts expected.

## Severe Weather Outlook



## Excessive Rainfall Outlook



Graphic Created  
December 9th, 2018  
7:40 AM CST



# Tuesday's Weather

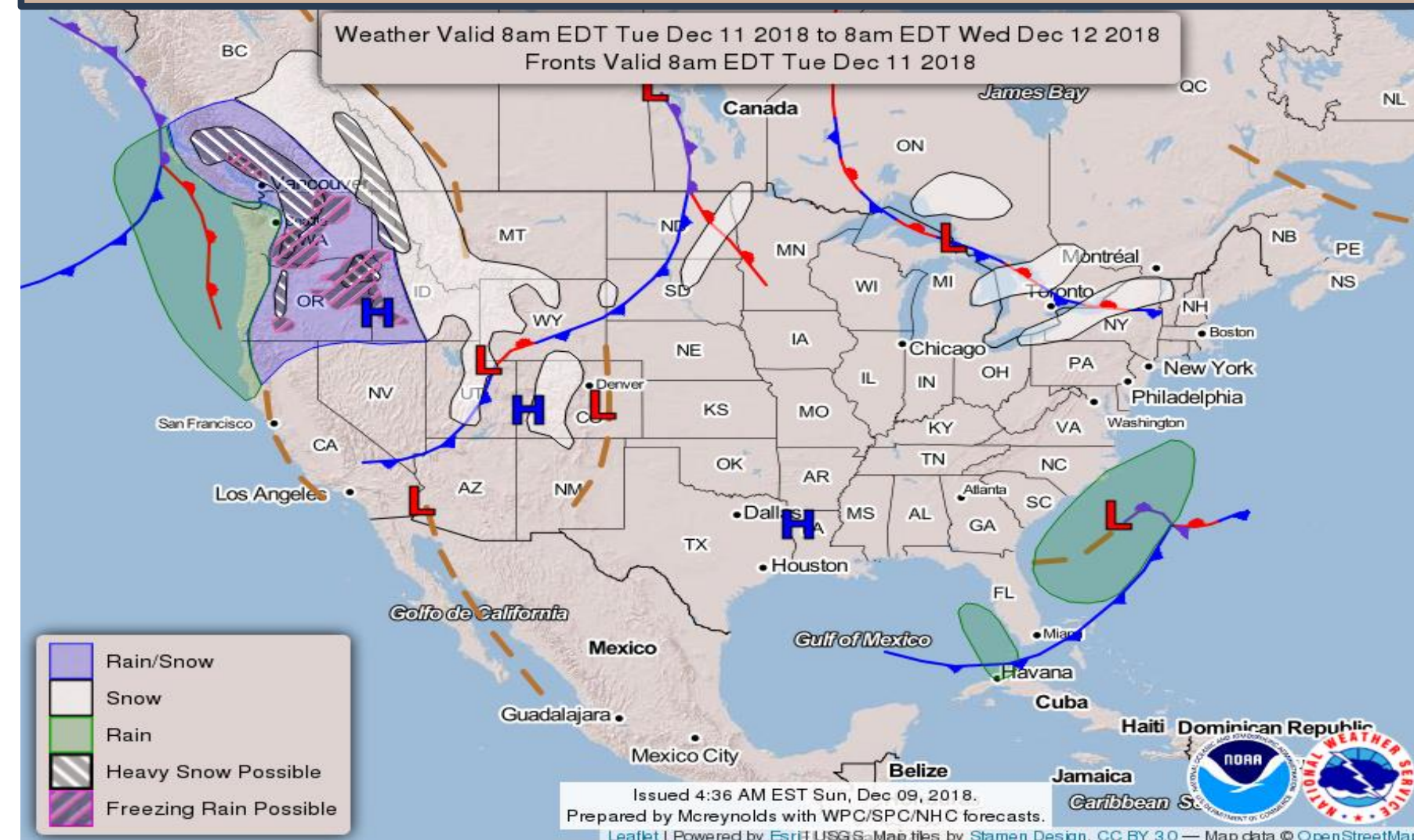
## Forecast Chart

## Forecast Rainfall



SR ROC  
REGIONAL OPERATIONS CENTER

No significant weather impacts expected.

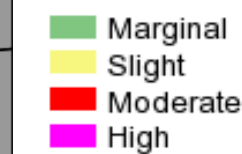
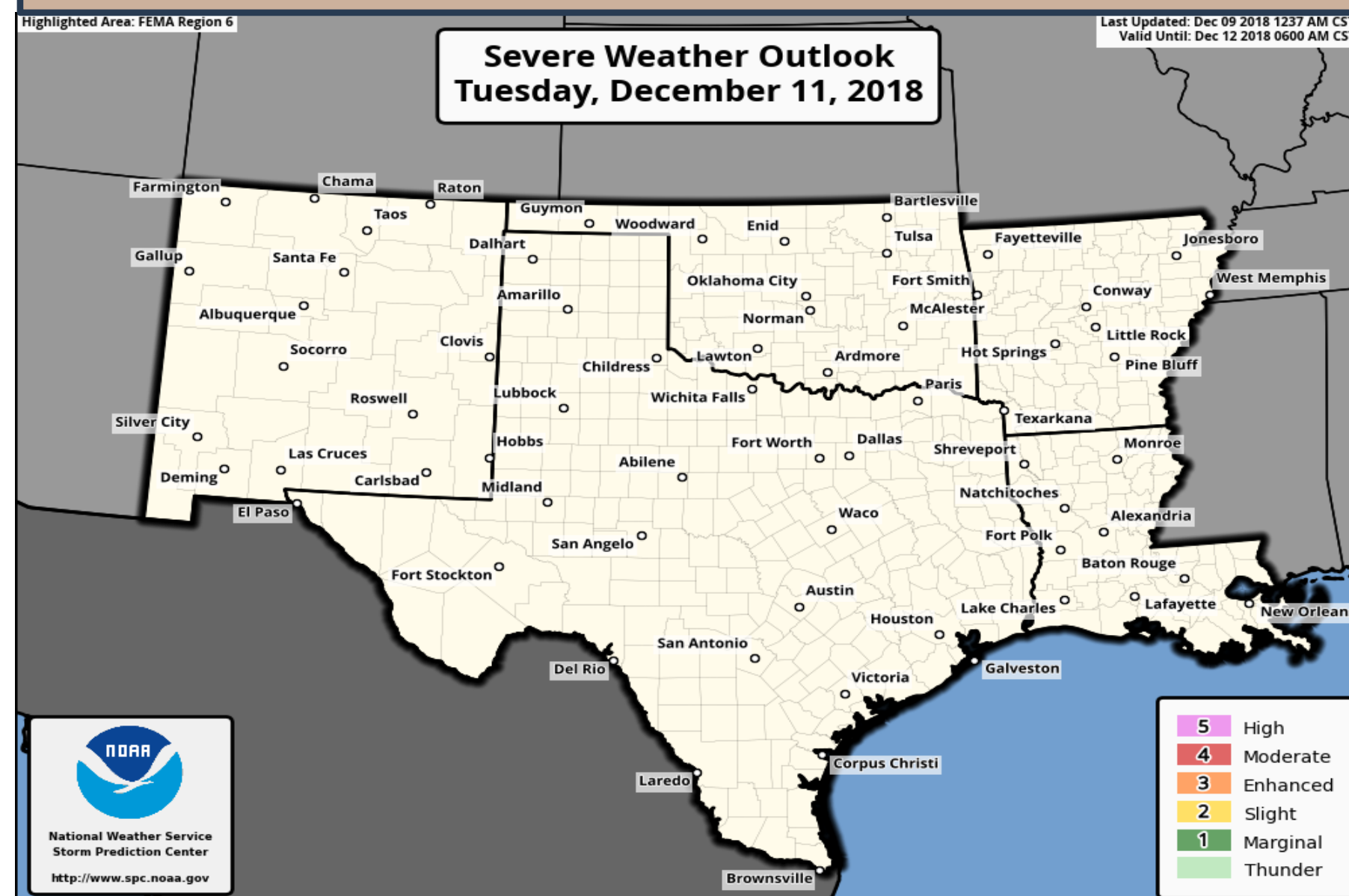


Graphic Created  
December 9th, 2018



## Severe Weather Outlook

## Excessive Rainfall Outlook



Graphic Created  
December 9th, 2018  
AM CST



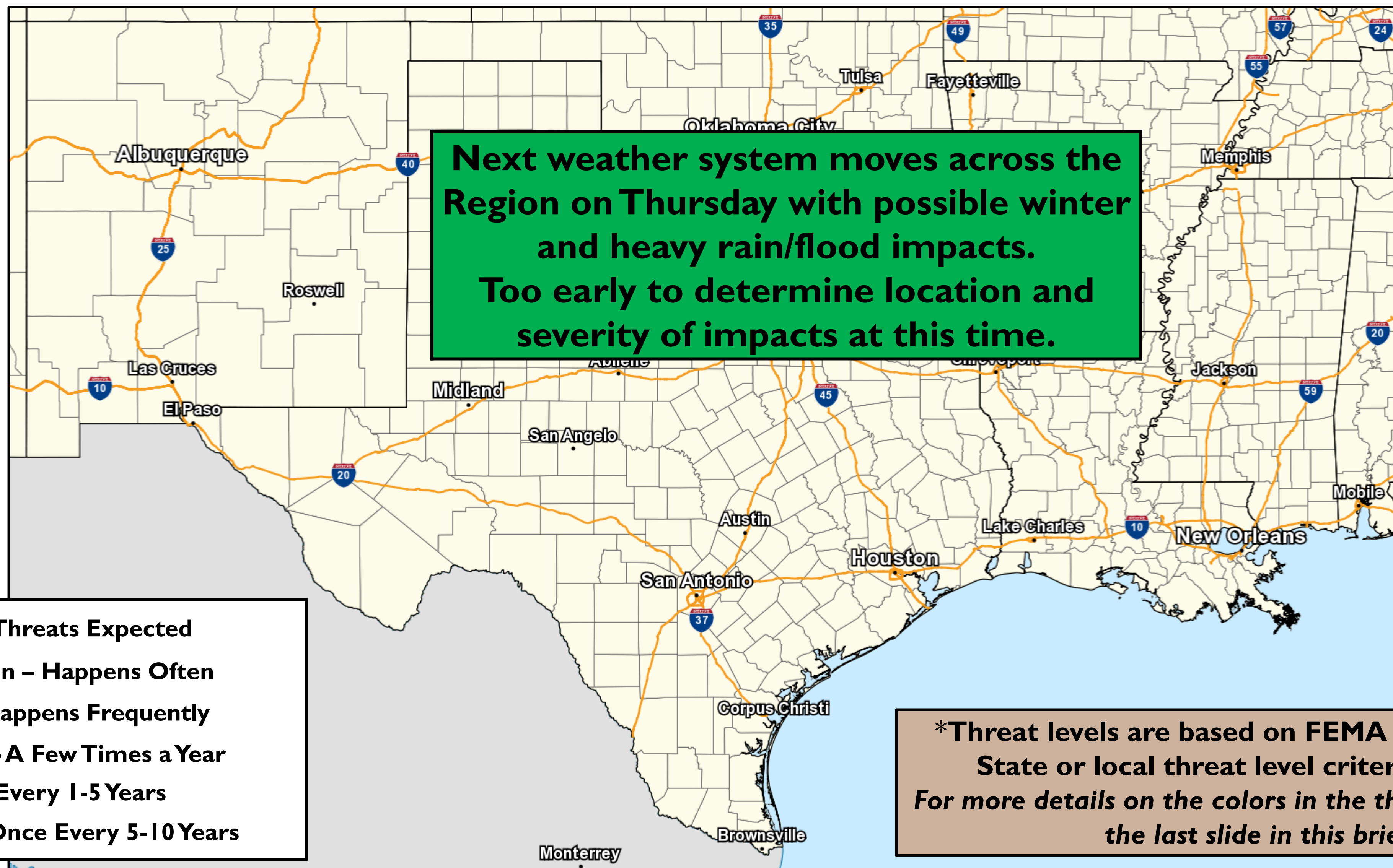


# Days 4-5 Weather Hazards

Wednesday - Thursday



SR ROC  
REGIONAL OPERATIONS CENTER



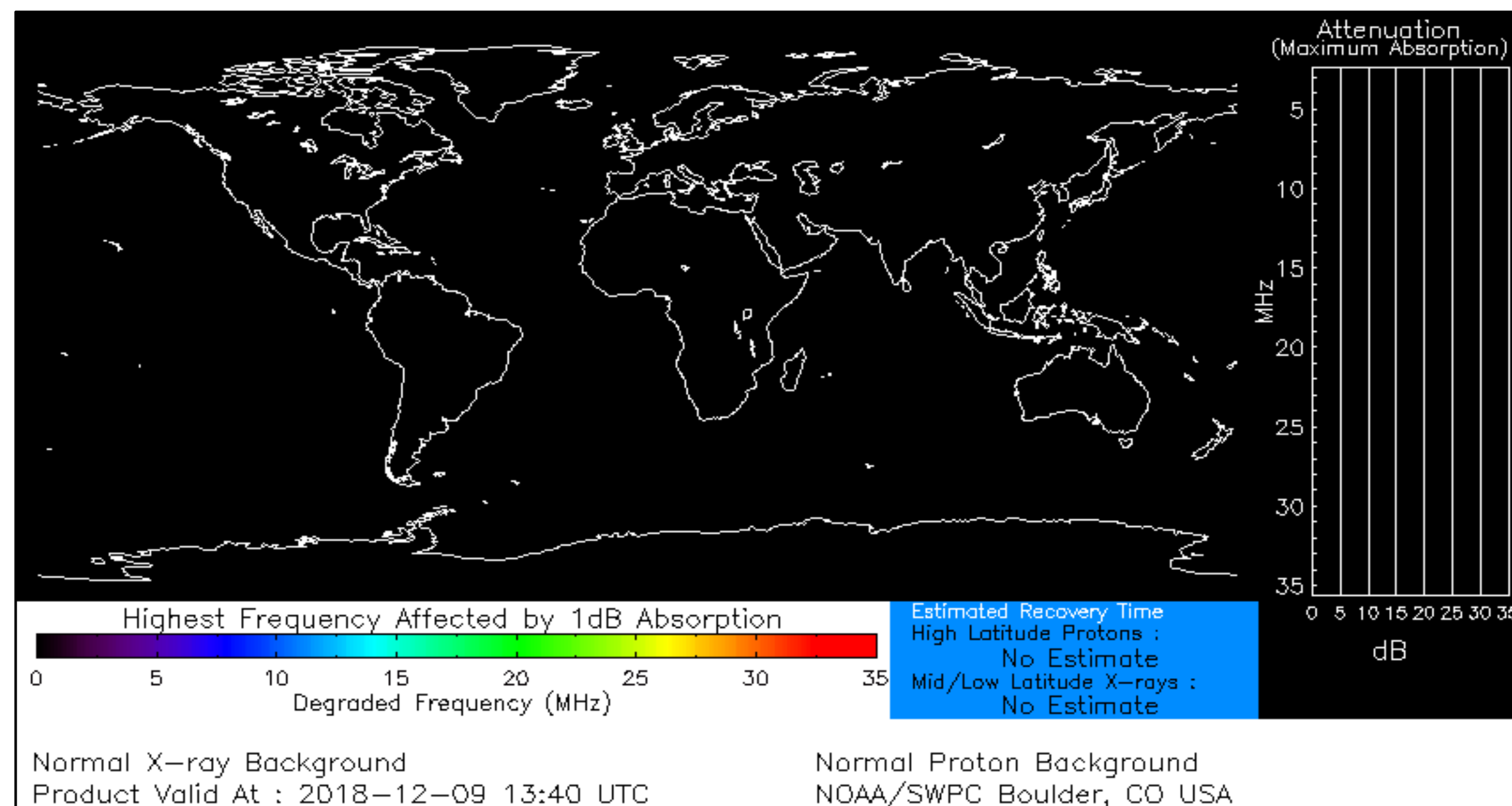


# Space Weather 3-Day Forecast



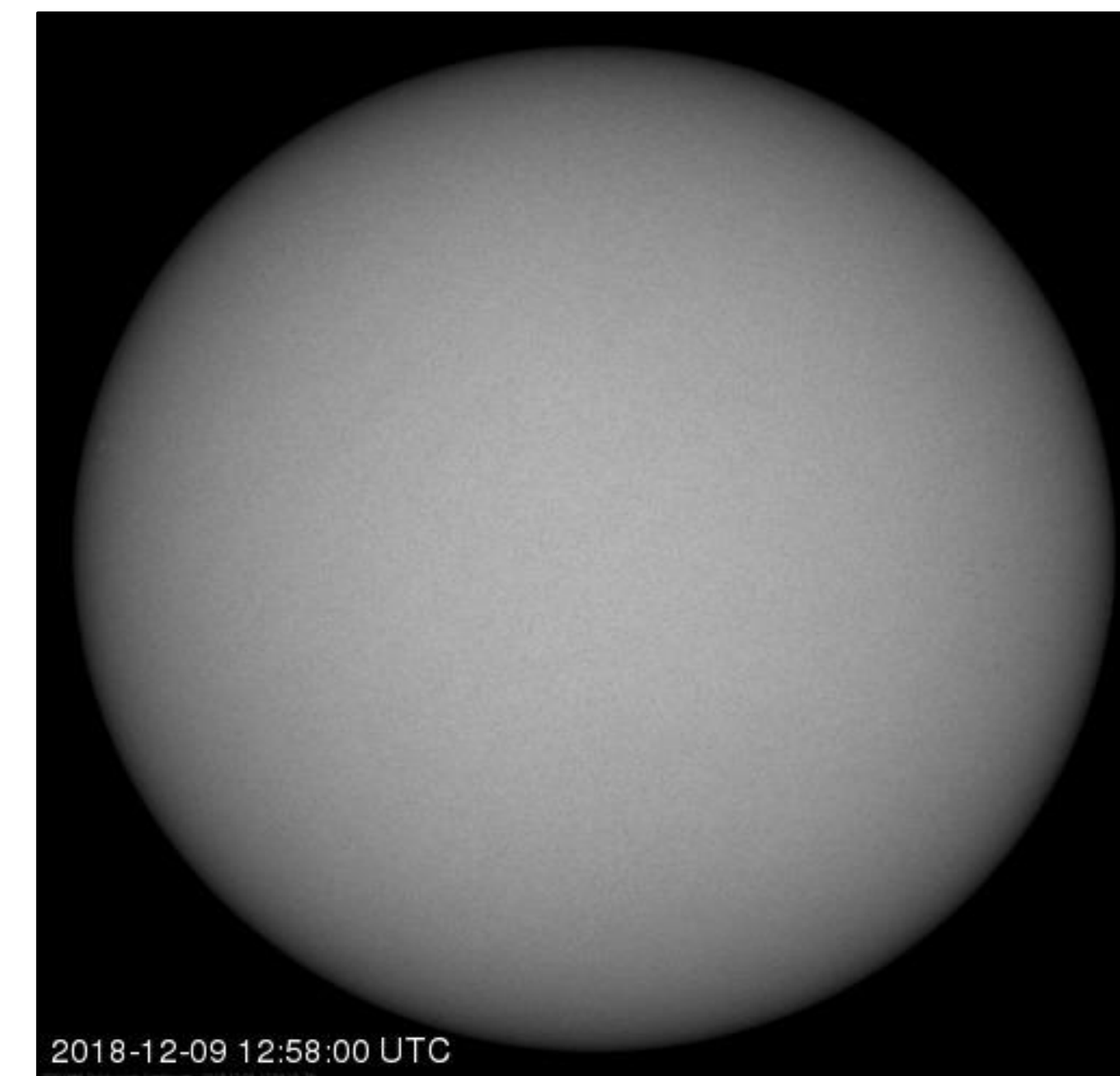
**SR ROC**  
REGIONAL OPERATIONS CENTER

	Sunday	Monday	Tuesday
Geomagnetic Storms	Quiet to Active (Max Kp = 4)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a  
Description of the Space  
Weather Storm Scales](#)

[Click here for the Latest  
3-Day Space Weather  
Forecast Text](#)







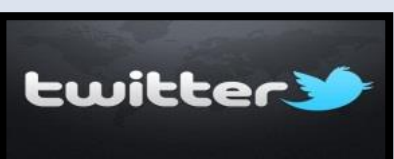
# For more information, please contact:

**National Weather Service**  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX

Phone: (682) 703-3747

E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)

Web: <http://www.weather.gov/srh>





Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"><li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li><li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li></ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"><li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li><li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li></ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"><li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li><li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li><li>Some large fires reported, burn bans advertised, critical conditions expected</li></ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"><li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li><li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li><li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li></ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"><li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li><li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li></ul>

Criteria for the color codes in this briefing is to the left, please provide any feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov).